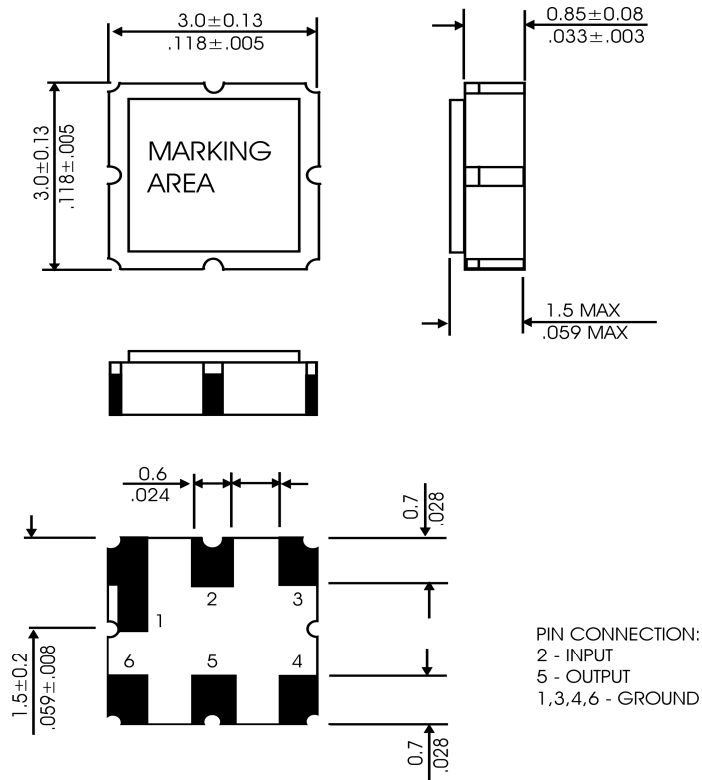
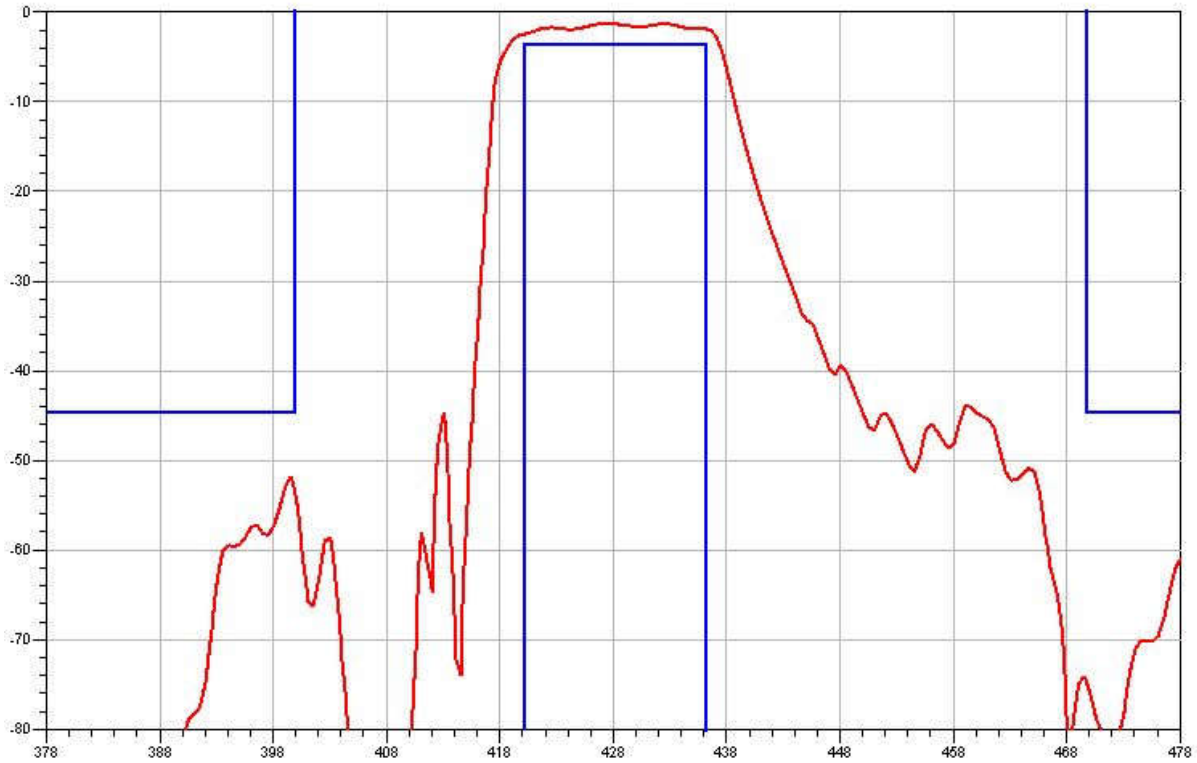


Items		Specification	Unit
Center frequency (Fo)		428.000	MHz
Bandwidth		16000	kHz
Insertion Loss in BW		3.5	dB Max
Amplitude Ripple in BW		1.8	dB Max
Absolute Attenuation	128 MHz ~ 400 MHz	45	dB min
	470 MHz ~ 728 MHz	45	dB min
RF Power		+10 dBm Max	
DC Voltage		3 V Max	
In/Out Impedance		50 Ω	
Operation Temperature		-40°C to +85°C	↕
Storage Temperature		-40°C to +85°C	↕

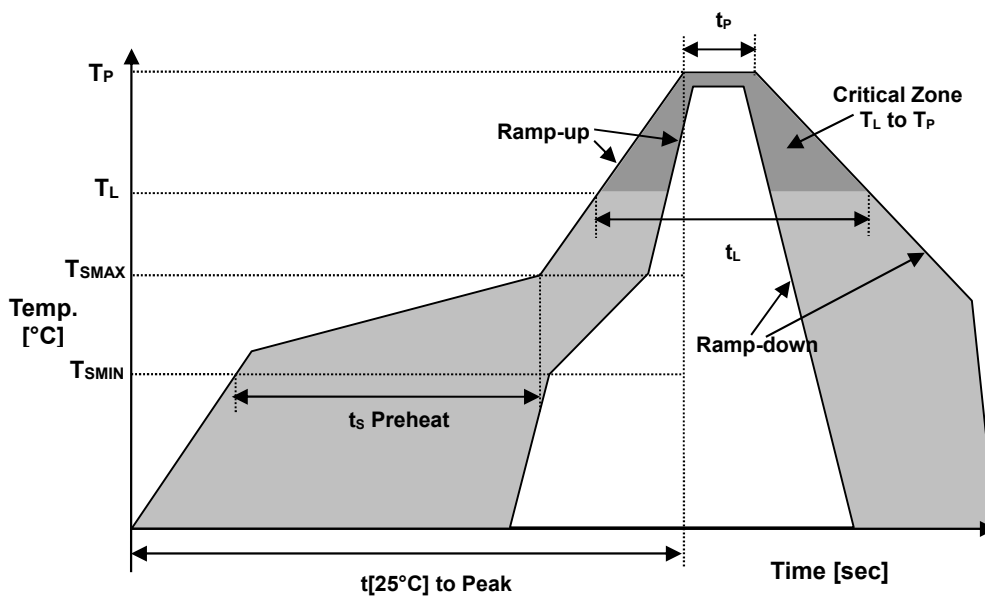
### Dimension



### Typical Frequency Response



### REFLOW PROFILE



Reflow profile		
Temperature Min Preheat	T <sub>SMIN</sub>	150°C
Temperature Max Preheat	T <sub>SMAX</sub>	200°C
Time (T <sub>SMIN</sub> to T <sub>SMAX</sub> )	t <sub>S</sub>	60-180 sec.
Temperature	T <sub>L</sub>	217°C
Peak Temperature	T <sub>P</sub>	260°C
Ramp-up rate	R <sub>UP</sub>	3°C/sec max.
Ramp-down rate	R <sub>DOWN</sub>	6°C/sec max.
Time within 5°C of Peak Temperature	t <sub>P</sub>	10 sec.
Time t[25°C] to Peak Temperature	t[25°C] to Peak	480 sec.
Time	t <sub>L</sub>	60-150 sec.

## Environmental

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016